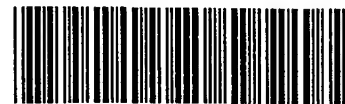


re-run



IFWO

## RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:31

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

1 <110> APPLICANT: Ni et al.  
 2 <120> TITLE OF INVENTION: 31 Human Secreted Proteins  
 3 <130> FILE REFERENCE: PZ034P1  
 4 <140> CURRENT APPLICATION NUMBER: US/10/613,076  
 5 <141> CURRENT FILING DATE: 2003-07-07  
 6 <150> PRIOR APPLICATION NUMBER: US/09/565,391  
 7 <151> PRIOR FILING DATE: 2000-05-05  
 8 <150> PRIOR APPLICATION NUMBER: PCT/US99/26409  
 9 <151> PRIOR FILING DATE: 1999-11-09  
 10 <150> PRIOR APPLICATION NUMBER: 60/108,207  
 11 <151> PRIOR FILING DATE: 1998-11-12  
 12 <160> NUMBER OF SEQ ID NOS: 115  
 13 <170> SOFTWARE: PatentIn Ver. 2.0  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 733  
 17 <212> TYPE: DNA  
 18 <213> ORGANISM: Homo sapiens  
 19 <400> SEQUENCE: 1

20	gggatccgga gccc aaatct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg	60
21	aattcgaggg tgcacgtca gtcttctct tcccccaaa acccaaggac accctcatga	120
22	tctcccgga tcttgaggtc acatgcgtgg tggtaggacg aagccacgaa gacctgagg	180
23	tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg	240
24	aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact	300
25	ggctgaatgg caaggagtac aagtgcagg tctccaacaa agccctccca acccccatcg	360
26	agaaaacat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc	420
27	catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcctggc aaaggttct	480
28	atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagaac aactacaaga	540
29	ccacgcctcc cgtgctggac tccgacggct ccttcttct ctacagcaag ctcaccgtgg	600
30	acaagagcag gtggcagcag gggaaagtct tctcatgctc cgtgatgcat gaggtctgc	660
31	acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc	720
32	gactctagag gat	733

34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 5  
 36 <212> TYPE: PRT  
 37 <213> ORGANISM: Homo sapiens  
 38 <220> FEATURE:  
 39 <221> NAME/KEY: Site  
 40 <222> LOCATION: (3)  
 41 <223> OTHER INFORMATION: Xaa equals any of the twenty naturally occurring L-amino acids  
 42 <400> SEQUENCE: 2

W--> 43 Trp Ser Xaa Trp Ser  
 44 1 5  
 46 <210> SEQ ID NO: 3



## RAW SEQUENCE LISTING

DATE: 07/27/2004

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Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

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47 <211> LENGTH: 86
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49 <213> ORGANISM: Homo sapiens
50 <400> SEQUENCE: 3
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52      cccgaaatat ctgccatctc aattag                                     86
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 27
56 <212> TYPE: DNA
57 <213> ORGANISM: Homo sapiens
58 <400> SEQUENCE: 4
59      gcggcaagct ttttgcaaag cctaggc                                     27
61 <210> SEQ ID NO: 5
62 <211> LENGTH: 271
63 <212> TYPE: DNA
64 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 5
66      ctcgagattt ccccgaaatc tagatttccc cgaaatgatt tccccgaaat gatttccccg      60
67      aaatatctgc catctcaatt agtcagcaac catagtcccc cccctaactc cgcccatccc      120
68      gcccctaact ccgccagtt ccgccatctc tccgccccat ggctgactaa ttttttttat      180
69      ttatgcagag gccgaggccg cctcggcctc tgagctattc cagaagtagt gaggaggctt      240
70      ttttgagggc ctaggctttt gcaaaaagct t                                     271
72 <210> SEQ ID NO: 6
73 <211> LENGTH: 32
74 <212> TYPE: DNA
75 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 6
77      gcgctcgagg gatgacagcg atagaacccc gg                                     32
79 <210> SEQ ID NO: 7
80 <211> LENGTH: 31
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 7
84      gcgaagcttc gcgactcccc ggatccgcct c                                     31
86 <210> SEQ ID NO: 8
87 <211> LENGTH: 12
88 <212> TYPE: DNA
89 <213> ORGANISM: Homo sapiens
90 <400> SEQUENCE: 8
91      ggggactttc cc                                     12
93 <210> SEQ ID NO: 9
94 <211> LENGTH: 73
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
97 <400> SEQUENCE: 9
98      gcggcctcga ggggactttc ccggggactt tccggggact ttccgggact ttccatcctg      60
99      ccatctcaat tag                                     73
101 <210> SEQ ID NO: 10
102 <211> LENGTH: 256

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## RAW SEQUENCE LISTING

DATE: 07/27/2004

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TIME: 16:15:31

Input Set : N:\Cr4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

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105 <400> SEQUENCE: 10
106   ctcgagggga ctttcccggg gactttccgg ggactttccg ggactttcca tctgccatct      60
107   caattagtca gcaaccatag tcccgcacct aactccgccc atcccgcgcc taactccgcc      120
108   cagttccgcc cattctccgc cccatggctg actaattttt tttatttatg cagaggccga      180
109   ggccgcctcg gcctctgagc tattccagaa gtagtgagga ggcttttttg gaggcctagg      240
110   cttttgcaaa aagctt                                     256
112 <210> SEQ ID NO: 11
113 <211> LENGTH: 723
114 <212> TYPE: DNA
115 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 11
117   cactcattag gcaccccagg ctttacactt tatgcttccg gctcgtatgt tgtgtggaat      60
118   tgtgagcgga taacaatttc acacaggaac agctatgacc atgattacgc caagctctaa      120
119   tacgactcac tatagggaaa gctggtacgc ctgcaggtag cggtcgggaa ttcccgggtc      180
120   gaccacgcg tccgcaggaa agcagttaac cagegcagtc ctccgtgcgt cccgccgcc      240
121   gctgcctca ctcccggcca ggatggcatc ctgtctggcc ctgcgcattg cgctgctgct      300
122   ggtctccggg gttctggccc ctgcggtgct cacagacgat gttccacagg agcccgtgcc      360
123   cacgctgtgg aacgagccgg ccgagctgcc gtcgggagaa ggccccgtgg agagcaccag      420
124   ccccgccgg gagcccgagg acaccgggtc cccagcccc accgtcgcgc caggaccaga      480
125   ggacagcacc gcgcaggagc ggctggacca gggcgggggg tcgctggggc ccggcgctat      540
126   cgcgccatc gtgatcgccg cctgctggc cactgcgtg gtgctggcgc tcgtggtcgt      600
127   cgcgctgaga aagttttctg cctcctgaag cgaataaagg ggccgcgcc ggccgcggcg      660
128   cgactcggca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      720
129   aaa                                             723
131 <210> SEQ ID NO: 12
132 <211> LENGTH: 870
133 <212> TYPE: DNA
134 <213> ORGANISM: Homo sapiens
135 <220> FEATURE:
136 <221> NAME/KEY: SITE
137 <222> LOCATION: (743)
138 <223> OTHER INFORMATION: n equals a,t,g, or c
139 <400> SEQUENCE: 12
140   ggcacgagca gatattaaat ctacacagaa ggtgttcctt attaattctt acaaaattgt      60
141   catttcccc gtgaagccaa ttacattaa aaataatgtt cagaaaatgc tgctgcctgc      120
142   tttctctcct cttttaccca ccccttggtc tcccagcaat cttegcctg tatgtttatg      180
143   tggacaattt ctattgtaac atttccatt ccattaactc tgctcttcc tctgaggggg      240
144   gaaaataaaa ccctaaatgg ctctaatagt tatgtatttt attttgtctc agagggttcc      300
145   aaacttctgc ttttagcttc cttttcactg ggacaaatgg atgtaagtta ttttccagtt      360
146   tcctgaaaaa taatcaggga ctattttctt catctatctc aggtgcttca tgagtttct      420
147   aagatattaa ttacggtttc catacattca gaatcaaggg actcacggat atggtactgt      480
148   gttcactgct acacagagtt tttctagaaa aaaaaattct ttatttttat cttctatttg      540
149   tatccaaacg atggtaaaac aaaattcctc tttagctagg tactgggatt ttttctttag      600
150   gaaatactaa tagagttaca aagggttagct tataggtaga caaaagactg gcggccaaac      660
151   agagcagtgg gtgaaatggg tccctgggtg acatgtcaga tctttgtacg taattaaaaa      720
W--> 152   tattgtggca ggattaatat canaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      780
153   aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      840

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## RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:31

Input Set : N:\CrF4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

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154      aaaaaaaaaa aaaaaaaaaa aaaaaaaactc      870
156 <210> SEQ ID NO: 13
157 <211> LENGTH: 926
158 <212> TYPE: DNA
159 <213> ORGANISM: Homo sapiens
160 <220> FEATURE:
161 <221> NAME/KEY: SITE
162 <222> LOCATION: (10)
163 <223> OTHER INFORMATION: n equals a,t,g, or c
164 <220> FEATURE:
165 <221> NAME/KEY: SITE
166 <222> LOCATION: (15)
167 <223> OTHER INFORMATION: n equals a,t,g, or c
168 <220> FEATURE:
169 <221> NAME/KEY: SITE
170 <222> LOCATION: (18)
171 <223> OTHER INFORMATION: n equals a,t,g, or c
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173 <221> NAME/KEY: SITE
174 <222> LOCATION: (80)
175 <223> OTHER INFORMATION: n equals a,t,g, or c
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177 <221> NAME/KEY: SITE
178 <222> LOCATION: (921)
179 <223> OTHER INFORMATION: n equals a,t,g, or c
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181 <221> NAME/KEY: SITE
182 <222> LOCATION: (925)
183 <223> OTHER INFORMATION: n equals a,t,g, or c
184 <220> FEATURE:
185 <221> NAME/KEY: SITE
186 <222> LOCATION: (926)
187 <223> OTHER INFORMATION: n equals a,t,g, or c
188 <400> SEQUENCE: 13
W--> 189      gcgcggggcgn taaanttngt gcccatccct agagtcttca ttatgaaaat atcaataaat      60
190      atttcattag tttaacatttn actctggtat aaaatgaaac ttttaaaaat aagtgaatg      120
191      gatgatttcc cagtgggaagt atgtcaacag tcttaagatc attgccagat ttcataaaat      180
192      atttaagtat ttgaaaaaga aacaaaatgt cttcatactt tagggaaacg aatacmctgt      240
193      ataccttctg tacaaatggt tgtgttttca ttgttacact ttgggggtttt acttttgcaa      300
194      tgtgacctat gttgggcatt tttatataat caacaactaa atcttttgcc aaatgcatgc      360
195      ttgcctttta ttttctaata tatgataata acgagcaaaa ctgggttagat tttgcatgaa      420
196      atggttctga aaggtaagag gaaaacagac tttggaggtt gtttagtttt gaatttctga      480
197      cagagataaa gtagttttaa atctctcgta cactgataac tcaagctttt cattttctca      540
198      tacagttgta cagatttaac tgggaccatc agtttttaac tgttgtcaag ctaactaata      600
199      atcatctgct ttaagacgca agattctgaa ttaacttta tataggata gatacatctg      660
200      ttgtttcttt gtatttcagg aaaggtgata gtagttttat ttgatactga taaatattga      720
201      attgattttt tagttatttt ttatcatttt ttcaatggag tagtatagga ctgtgctttg      780
202      tcctttttat gaatgaaaaa attagtataa agtaataaat gtcttatgtt acccaagaaa      840
203      aaaaaaaaaa aaaaaamaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      900

```

## RAW SEQUENCE LISTING

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:31

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set : N:\CRF4\07272004\J613076.raw

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204      aaaaaaaaaa aaaaaaaaaa naaann                                926
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207 <211> LENGTH: 1308
208 <212> TYPE: DNA
209 <213> ORGANISM: Homo sapiens
210 <400> SEQUENCE: 14
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212      ggcaatgcgc actcaggcac cagagggcag aggggctcaa gtccaggggt ttttaagggtgc      120
213      ttggaactcc caggagcctg gcaaaccctt atccagaacc tcttcctcaa gcaagacaaa      180
214      aagctgctaa gcactgctcc ctccgtctct gtgaagagac cagcttctaa cagacgggtgc      240
215      cgggctgacc ccccatcatg ccaggctggc tcacctccc cacactctgc cgcttccttc      300
216      tttgggcctt caccatcttc cacaagccc aaggagaccc agcatccac ccgggcccccc      360
217      actacctct gccccccatc cagaggtca ttactctca tcgtggggcc acggccacgc      420
218      tgccctgctt cctgggcacc acgctccca gctacaaggt gcgctggagc aagggtggagc      480
219      ctggggagct ccgggaaacg ctgatcctca tcaccaacgg actgcacgcc cggggggtatg      540
220      ggccctggg agggcgcgcc aggatgcgga gggggcatcg actagacgcc tccctgggtca      600
221      tcgcgggctg gcgcctggag gacgagggcc ggtaccgctg cgagctcatc aacggcatcg      660
222      aggacgagag cgtggcgctg accttgagct tggagggtgt ggtgtttccg taccaacca      720
223      gccggggccg gtaccagttc aattactacg aggcgaagca ggcgtgcgag gagcaggacg      780
224      gacgcctggc cacctactcc cagctctacc aggcttgagc cgagggtctg gactggtgta      840
225      acgcgggctg gctgctcgag ggctccgtgc gctaccctgt gctaccgca cgcgccccgt      900
226      gcggcgcccg aggcgggccc gggatccgca gctacggacc ccgcgaccgg atgcgcgacc      960
227      gctacgacgc cttctgcttc acctccgcgc tggcgggcca agtggtcttc gtgcccgggc      1020
228      ggctgacgct gtctgaagcc cagcggcgtg gccggcgacg cggcgccgtg gtggccaagg      1080
229      ttgggcacct ctacgcgcgc tggaaagttt cggggctaga ccagtgcgac ggcggctggc      1140
230      tggtgacgag cagtgtgcgc ttcccaatca ccacgccgag gccgcgctgc ggggggctcc      1200
231      cggatcccg agtgcgagcgt ttcggtctcc ccaggcccca acaggcagcc tatgggrcct      1260
232      astgctacgc cgagaattag gcgccaccg tgttcctcc agcgcgcg      1308
234 <210> SEQ ID NO: 15
235 <211> LENGTH: 2136
236 <212> TYPE: DNA
237 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 15
239      gaattcggca cgagccagta actctgcgag gagtgcgtgt agcgctgct cagggccatc      60
240      ctgggtacac catggtgttc caggtctcag tagagaatgg atgtaccagg catgacttca      120
241      ttctgtctcc tgggaggggt gagggccctt gtcttagggc tgagtgtgta gttccaaggg      180
242      tctctaacct gcccctgccc ctcttttccc tmctggggcc cctcataacc atctcttctc      240
243      ttatttccat cagcagccaa actactggag ttccaaggtc agtggtgat gacctgtc      300
244      ccatgacaac tgcattgtgt ctccctcccc tgccctgccc tctcccttgc acaggctttg      360
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247      aggagtttgg gccacccttg ctggggatct gggctagaga tgctcagtc ccaggcatcc      540
248      ccagcccttg aggggcattt tgaaatgaca tacattttcc ccagcctgga gagactgtg      600
249      cctctgagtt agggacttag acccttggtg tgggccctct tctttgaatt catatctcac      660
250      ctcccaggra ggccctgtga ctgtgatggg tcccccttc ttttcttact gtccaccatg      720
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252      gtggagggct aagctgaggg ataggtgcct tcttgctcc tctgagctc tggcctttcc      840
253      agagctaaga cagctgtctg cccctcccag ggtatcctgt tgacccttg gagagcacc      900
254      tcaggcacct gcttgctcc tggagtctct ggctcccaa gtcccaggca tcatgacagc      960

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/613,076

DATE: 07/27/2004  
TIME: 16:15:32

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw  
Output Set: N:\CRF4\07272004\J613076.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 3  
Seq#:12; N Pos. 743  
Seq#:13; N Pos. 10,15,18,80,921,925,926  
Seq#:17; N Pos. 2045,2107,2117  
Seq#:25; N Pos. 429  
Seq#:26; N Pos. 9,24  
Seq#:30; N Pos. 1919,1960  
Seq#:32; N Pos. 396  
Seq#:33; N Pos. 3096  
Seq#:34; N Pos. 2408,2409,2435,2438  
Seq#:41; N Pos. 1006,1376,2211  
Seq#:44; N Pos. 167,1631,1653,1660  
Seq#:45; Xaa Pos. 122  
Seq#:46; Xaa Pos. 65  
Seq#:47; Xaa Pos. 41  
Seq#:48; Xaa Pos. 334,335,341  
Seq#:49; Xaa Pos. 39,44  
Seq#:51; Xaa Pos. 93,469,486  
Seq#:53; Xaa Pos. 41  
Seq#:54; Xaa Pos. 75  
Seq#:55; Xaa Pos. 54  
Seq#:56; Xaa Pos. 58  
Seq#:57; Xaa Pos. 333  
Seq#:58; Xaa Pos. 58  
Seq#:59; Xaa Pos. 101  
Seq#:63; Xaa Pos. 79  
Seq#:64; Xaa Pos. 42  
Seq#:65; Xaa Pos. 44  
Seq#:66; Xaa Pos. 50  
Seq#:67; Xaa Pos. 22,77  
Seq#:68; Xaa Pos. 59  
Seq#:69; Xaa Pos. 45  
Seq#:70; Xaa Pos. 62  
Seq#:71; Xaa Pos. 43  
Seq#:72; Xaa Pos. 84  
Seq#:73; Xaa Pos. 56  
Seq#:74; Xaa Pos. 72,86  
Seq#:76; Xaa Pos. 48  
Seq#:77; Xaa Pos. 121  
Seq#:78; Xaa Pos. 4,6,306  
Seq#:85; Xaa Pos. 28,30,116,158  
Seq#:86; Xaa Pos. 28,30  
Seq#:89; Xaa Pos. 4  
Seq#:90; Xaa Pos. 11

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/27/2004  
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Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw  
Output Set: N:\CRF4\07272004\J613076.raw

Seq#:95; Xaa Pos. 4,6

Seq#:97; Xaa Pos. 66

**Invalid Line Length:**

The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:2; Line(s) 41  
Seq#:3; Line(s) 51,52  
Seq#:4; Line(s) 59  
Seq#:5; Line(s) 66,67,68,69,70  
Seq#:6; Line(s) 77  
Seq#:7; Line(s) 84  
Seq#:8; Line(s) 91  
Seq#:9; Line(s) 98,99  
Seq#:10; Line(s) 106,107,108,109,110  
Seq#:11; Line(s) 117,118,119,120,121,122,123,124,125,126,127,128,129  
Seq#:12; Line(s) 140,141,142,143,144,145,146,147,148,149,150,151,152,153  
Seq#:12; Line(s) 154  
Seq#:13; Line(s) 189,190,191,192,193,194,195,196,197,198,199,200,201,202  
Seq#:13; Line(s) 203,204  
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Seq#:20; Line(s) 547,548,549,550,551,552,553,554,555,556,557,558,559,560  
Seq#:20; Line(s) 561,562,563,564,565,566,567,568,569  
Seq#:21; Line(s) 576,577,578,579,580,581,582,583,584,585,586,587,588,589  
Seq#:21; Line(s) 590,591,592,593,594,595

**RAW SEQUENCE LISTING ERROR SUMMARY**

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:32

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

Seq#:22; Line(s) 602,603,604,605,606,607,608,609,610,611,612,613,614,615  
Seq#:22; Line(s) 616,617,618,619,620,621,622,623,624,625,626,627,628,629  
Seq#:22; Line(s) 630,631,632,633  
Seq#:23; Line(s) 640,641,642,643,644,645,646,647,648,649,650,651,652,653  
Seq#:23; Line(s) 654,655,656,657,658,659,660,661,662,663,664,665,666,667  
Seq#:23; Line(s) 668,669,670,671,672,673,674,675,676,677,678,679,680,681  
Seq#:23; Line(s) 682,683,684  
Seq#:24; Line(s) 691,692,693,694,695,696,697,698,699,700,701,702,703,704  
Seq#:24; Line(s) 705,706,707,708,709,710,711,712,713,714,715,716,717,718



## VERIFICATION SUMMARY

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:32

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:720  
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
M:341 Repeated in SeqNo=13  
L:402 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:2040  
M:341 Repeated in SeqNo=17  
L:758 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:420  
L:776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:1860  
M:341 Repeated in SeqNo=30  
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:360  
L:1085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:3060  
L:1148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:2400  
L:1347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:960  
M:341 Repeated in SeqNo=41  
L:1525 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:120  
M:341 Repeated in SeqNo=44  
L:1576 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:112  
L:1596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:64  
L:1612 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:32  
L:1672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:320  
M:341 Repeated in SeqNo=48  
L:1694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:32  
L:1784 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:80  
M:341 Repeated in SeqNo=51  
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:32  
L:1937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:64  
L:1955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:48  
L:1973 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56 after pos.:48  
L:2025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57 after pos.:320  
L:2043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:48  
L:2067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:96  
L:2151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:64  
L:2167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64 after pos.:32  
L:2183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:32  
L:2201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:48  
L:2219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:16  
M:341 Repeated in SeqNo=67  
L:2243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:48  
L:2259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:32  
L:2277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:48  
L:2293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:32  
L:2315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:80  
L:2332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:48  
L:2356 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:64  
M:341 Repeated in SeqNo=74  
L:2392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32  
L:2418 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:112

**VERIFICATION SUMMARY**

DATE: 07/27/2004

PATENT APPLICATION: US/10/613,076

TIME: 16:15:32

Input Set : N:\Crf4\Refhold\10\_folder\J613076.raw

Output Set: N:\CRF4\07272004\J613076.raw

L:2438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0  
M:341 Repeated in SeqNo=78